# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 4892 | ((366/64) or (366/96-99) or (366/162.1) or (366/6) or (366/8) or (366/18) or (366/20) or (366/35) or (366/38) or (366/51) or (366/65) or (366/102) or (366/141) or (366/168.1) or (366/171.1) or (366/172.1) or (366/172.2) or (366/181.7) or (366/303-304) or (366/315-317) or (156/39) or (156/44)). CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/11/09 09:55 |
| L2 | 36 | 1 and @pd>"20090312" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/11/09 09:55 |
| L3 | 344 | ((366/64) or (366/96-99) or (366/162.1) or (366/6) or (366/8) or (366/18) or (366/20) or (366/35) or (366/38) or (366/51) or (366/65) or (366/102) or (366/141) or (366/168.1) or (366/171.1) or (366/172.1) or (366/172.2) or (366/181.7) or (366/303-304) or (366/315-317) or (156/39) or (156/44)). CCLS. | US-PGPUB | OR | OFF | 2009/11/09 09:57 |
| L4 | 21 | ((WATARU) near2 (NAKAMURA)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/11/09 10:02 |
| L5 | 2 | ((YUICHI) near2 (HIROOKA)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/11/09 10:02 |
| L7 | 2 | (("20040062141") or ("2660416")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/11/09 10:09 |
| S1 | 489 | ((366/20) or (366/35) or (366/38) or (366/51) or (366/65)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 16:35 |

| S2 | 43 | ("1578250" \| "2213442" \| "2985219" \| "20010000738" \| "20040084127" \| "20040231916" \| "3578517" \| "4105383" \| "4203788" \| "4298413" \| "4327146" \| "4420299" \| "4450022" \| "4477300" \| "4488917" \| "4504335" \| "4793892" \| "4816091" \| "4847022" \| "5221386" \| "5342566" \| "5350554" \| "5352035" \| "5570953" \| "5643510" \| "5683635" \| "5714001" \| "5718797" \| "5854426" \| "6187409" \| "6190476" \| "6342284" \| "6357906" \| "6409825" \| "6443258" \| "6488792" \| "6524679" \| "6547901" \| "6678321" \| "6774146" \| "6866492" \| "6874930" \| "RE32037").PN. | US-PGPUB; USPAT | OR | ON | 2008/07/31 17:09 |
|---|---|---|---|---|---|---|
| S3 | 278 | (156/39).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 17:13 |
| S4 | 226 | (366/18).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 17:20 |
| S5 | 69 | S4 and (screw or auger) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/07/31 17:23 |
| S6 | 65 | S4 and ((screw or auger) and (weight or load)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/07/31 17:24 |
| S7 | 34 | S4 and ((screw or auger) same (weight or load)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/07/31 17:25 |
| S8 | 323 | (366/141).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 17:38 |
| S9 | 69 | S4 and (screw or auger) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/07/31 17:39 |
| S10 | 121 | S8 and (screw or auger) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/07/31 17:39 |
| S11 | 330 | (366/156.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 17:51 |

| S12 | 116 | (366/178.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 17:56 |
| S13 | 46 | (366/178.2).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 17:58 |
| S14 | 92 | (366/51).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 17:59 |
| S15 | 278 | (366/325.92).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 18:09 |
| S16 | 200 | (366/325.8).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 18:11 |
| S17 | 182 | (366/153.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 18:15 |
| S18 | 473 | ("0860031" \| "0872729" \| "0896551" \| "1489693" \| "1506142" \| "1610627" \| "1702730" \| "1781435" \| "1804562" \| "1825155" \| "1880188" \| "1908658" \| "1945306" \| "20040042335" \| "20050219941" \| "2061469" \| "2105266" \| "2114127" \| "2224355" \| "2298317" \| "2367149" \| "2574391" \| "2658049" \| "2673811" \| "2746728" \| "2791120" \| "2854714" \| "2867336" \| "2893602" \| "2900176" \| "2918264" \| "2955956" \| "2991870" \| "3006615" \| "3013525" \| "3029069" \| "3161927" \| "3164443" \| "3170677" \| "3172175" \| "3186596" \| "3186602" \| "3251484" \| "3288052" \| "3295838" \| "3306589" \| "3326815" \| "3343688" \| "3346240" \| "3380716" \| "3395834" \| "3417968" \| "3425667" \| "3437075" \| "3439836" \| "3480261" \| "3498311" \| "3532576" \| "3542342" \| "3596759" \| "3601369" \| "3625488" \| "3638916" \| "3661365" \| "3667736" \| "3670923" \| "3695427" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/31 18:25 |

"3717086" | "3741440" |
"3741533" | "3778035" |
"3804303" | "3806001" |
"3822056" | "3871625" |
"3881688" | "3886063" |
"3905586" | "3934859" |
"3948490" | "3957253" |
"3967815" | "3981417" |
"3986706" | "3986708" |
"3997434" | "3998436" |
"4002891" | "4065597" |
"4086663" | "4089509" |
"4091463" | "4106111" |
"4112517" | "4127478" |
"4154372" | "4190369" |
"4194844" | "4201484" |
"4204773" | "4207176" |
"4222498" | "4225357" |
"4226542" | "4242841" |
"4245915" | "4257710" |
"4277180" | "4285808" |
"4286883" | "4298288" |
"4302112" | "4319848" |
"4320855" | "4322167" |
"4323313" | "4335964" |
"4335966" | "4341349" |
"4362033" | "4395128" |
"4395131" | "4397561" |
"4407217").PN. OR
("4407431" | "4408889" |
"4428535" | "4430001" |
"4435081" | "4436429" |
"4436703" | "4453832" |
"4474476" | "4488407" |
"4506982" | "4518261" |
"4522500" | "4531673" |
"4544279" | "4548507" |
"4569025" | "4581704" |
"4588299" | "4624575" |
"4643582" | "4664528" |
"4671892" | "4692028" |
"4693609" | "4698378" |
"4721448" | "4733971" |
"4744959" | "4778280" |
"4779186" | "4786182" |
"4792234" | "4801210" |
"4812045" | "4815042" |
"4820053" | "4823987" |
"4830505" | "4830509" |
"4834542" | "4854715" |
"4859072" | "4865457" |
"4881819" | "4889433" |
"4895450" | "4899443" |
"4904089" | "4910024" |
"4955723" | "4963031" |
"5044819" | "5046855" |

"5052486" | "5073032" |
"5137694" | "5149192" |
"5174651" | "5186840" |
"5190374" | "5211475" |
"5213414" | "5219224" |
"5222807" | "5240324" |
"5249861" | "5280859" |
"5284388" | "5303998" |
"5308648" | "5340211" |
"5344619" | "5350257" |
"5352035" | "5358328" |
"5369032" | "5395593" |
"5401501" | "5411329" |
"5417491" | "5419633" |
"5423456" | "5427448" |
"5433521" | "5452954" |
"5468066" | "5487603" |
"5527387" | "5570953" |
"5573333" | "5580168" |
"5605397" | "5628563" |
"5634713" | "5634715" |
"5634716" | "5641410" |
"5667298" | "5681109" |
"5695648" | "5718507" |
"5718508" | "5718510" |
"5730523" | "5765945" |
"5775803" | "5776515" |
"5785420" | "5813754" |
"5829873" | "5853244" |
"5865534" | "5873653" |
"5878925" | "5885001" |
"5899561" | "5908240" |
"5913602" | "5951161" |
"5976212" | "6030112" |
"6036740" | "6039470" |
"6076109").PN. OR
("6203184" | "6243596" |
"6250793" | "6293689" |
"6329001" | "6450679" |
"6519391" | "6579236" |
"6638394" | "6744946" |
"6805075" | "6901369" |
"6991045" | "RE34776").
PN. OR ("1716363" |
"2003/0067836" |
"2005/0024988" |
"2008/0101151" |
"3166302" | "3905586" |
"4288263" | "4436429" |
"4506982" | "4778277" |
"4881819" | "5240324" |
"5660466" | "5908240" |
"5951161" | "6015225" |
"6039470" | "6126307" |
"6161954" | "6357905" |
"6979116" | "7320539" |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "7325967").URPN. | | | | |
| S19 | 349 | ((156/39) or (156/44)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/08/07 16:10 |
| S20 | 1133 | (264/86-87).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/08/07 16:25 |
| S21 | 103 | S20 and mixer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/07 16:26 |
| S22 | 225 | (S19 or S20) and mixer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/07 16:26 |
| S23 | 494 | united adj states adj gypsum.asn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/07 16:30 |
| S24 | 162 | (S23) and mixer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/07 16:31 |
| S25 | 3 | ("20060188674" \| "5632848" \| "6357905").PN. | US-PGPUB; USPAT | OR | ON | 2008/08/07 16:48 |
| S26 | 43 | ("1578250" \| "2213442" \| "2985219" \| "20010000738" \| "20040084127" \| "20040231916" \| "3578517" \| "4105383" \| "4203788" \| "4298413" \| "4327146" \| "4420299" \| "4450022" \| "4477300" \| "4488917" \| "4504335" \| "4793892" \| "4816091" \| "4847022" \| "5221386" \| "5342566" \| "5350554" \| "5352035" \| "5570953" \| "5643510" \| "5683635" \| "5714001" \| "5718797" \| "5854426" \| "6187409" \| "6190476" \| "6342284" \| "6357906" \| "6409825" \| "6443258" \| "6488792" \| "6524679" \| "6547901" \| "6678321" \| "6774146" \| "6866492" \| "6874930" \| "RE32037").PN. | US-PGPUB; USPAT | OR | ON | 2008/08/07 16:50 |
| S27 | 2357 | b32b031/12 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/07 16:52 |

| S28 | 68 | S27 and mixer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/07 16:52 |
|---|---|---|---|---|---|---|
| S29 | 242 | S27 and (mixer or mixing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/07 16:52 |
| S30 | 4 | (("6357905") or ("5632848") or ("20060188674") or ("5685903")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/08/09 14:03 |
| S31 | 12 | (("20050219941") or ("20050155689") or ("20050061237") or ("20050064055") or ("20040218462") or ("20010000738") or ("20040084127") or ("20040231916") or ("20050121131") or ("20050064164") or ("20060174572") or ("20060168906")).PN. | US-PGPUB | OR | OFF | 2008/08/09 14:14 |
| S32 | 54 | (("5858083") or ("5958131") or ("6176920") or ("6357906") or ("6416695") or ("6620487") or ("6986812") or ("1702730") or ("1776325") or ("2088813") or ("2366673") or ("2805051") or ("3343818") or ("1945306") or ("3459620") or ("6357905") or ("5632848") or ("20060188674") or ("4501539") or ("3626486") or ("4350483") or ("5002620") or ("6176920") or ("20060144005") or ("20060185267") or ("20080101151") or ("20080099171") or ("20070110838") or ("20070110970") or ("20080110276") or ("20080099133") or ("2276237") or | US-PGPUB; USPAT | OR | OFF | 2008/08/09 14:38 |

("2743909") or
("4084013") or
("5609416") or
("5795060") or
("3957407") or
("6508895") or
("4239396") or
("20020090871") or
("20060144005") or
("2985219") or
("3974024") or
("4057443") or
("4159361") or
("4187130") or
("4187275") or
("4288263") or
("4420295") or
("4434119") or
("5391245") or
("5352035") or
("5570953") or
("5683635") or
("5685903") or
("5714032")).PN.

| S33 | 43 | ("1578250" \| "2213442" \| "2985219" \| "20010000738" \| "20040084127" \| "20040231916" \| "3578517" \| "4105383" \| "4203788" \| "4298413" \| "4327146" \| "4420299" \| "4450022" \| "4477300" \| "4488917" \| "4504335" \| "4793892" \| "4816091" \| "4847022" \| "5221386" \| "5342566" \| "5350554" \| "5352035" \| "5570953" \| "5643510" \| "5683635" \| "5714001" \| "5718797" \| "5854426" \| "6187409" \| "6190476" \| "6342284" \| "6357906" \| "6409825" \| "6443258" \| "6488792" \| "6524679" \| "6547901" \| "6678321" \| "6774146" \| "6866492" \| "6874930" \| "RE32037").PN. | US-PGPUB; USPAT | OR | ON | 2008/08/09 14:41 |
| S34 | 7 | ("2276237").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/08/09 14:46 |
| S35 | 2 | ("6508895").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/08/09 14:46 |

| S36 | 243 | ((366/6) or (366/8)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/08/09 19:03 |
|---|---|---|---|---|---|---|
| S37 | 3707 | ((366/20) or (366/35) or (366/38) or (366/51) or (366/65) or (366/6) or (366/8) or (366/18) or (366/141) or (366/153.1) or (366/156.1) or (366/178.1) or (366/178.2) or (366/325.92) or (366/325.8) or (156/39) or (156/44) or (264/86-87)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/11/28 15:10 |
| S38 | 24 | S37 and @pd>"20080731" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/11/28 15:10 |
| S39 | 249 | ((366/20) or (366/35) or (366/38) or (366/51) or (366/65) or (366/6) or (366/8) or (366/18) or (366/141) or (366/153.1) or (366/156.1) or (366/178.1) or (366/178.2) or (366/325.92) or (366/325.8) or (156/39) or (156/44) or (264/86-87)).CCLS. | US-PGPUB | OR | OFF | 2008/11/28 15:13 |
| S40 | 283 | (156/39).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/11/28 15:27 |
| S41 | 2010 | (b32b038/00 or b32b38/00).ipcr,ipc. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/11/28 15:31 |
| S42 | 76 | S41 and (mixer or mixing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/11/28 15:32 |
| S43 | 105 | ("1578250" \| "1716363" \| "2213442" \| "2446644" \| "2985219" \| "2985219" \| "20006018526a1" \| "20010000738" \| "20030067836" \| "20040084127" \| "20040134585" \| "20040218462" \| "20040231916" \| "20050024988" \| "20050061237" \| "20050064055" \| "20050064164" \| | US-PGPUB; USPAT | OR | ON | 2008/11/28 15:33 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | "20050121131" \| "20050155689" \| "20050219941" \| "20060045975" \| "20060144005" \| "20060147681" \| "20060168906" \| "20060174572" \| "20080099133" \| "20080099171" \| "20080101150" \| "20080101151" \| "3115431" \| "3166302" \| "3214311" \| "3284980" \| "3289371" \| "3578517" \| "3615979" \| "3626486" \| "3905586" \| "3972972" \| "4068991" \| "4105383" \| "4203788" \| "4288263" \| "4298413" \| "4327146" \| "4344804" \| "4350483" \| "4379729" \| "4420299" \| "4436429" \| "4450022" \| "4450128" \| "4477300" \| "4488917" \| "4501539" \| "4504335" \| "4506982" \| "4666029" \| "4778277" \| "4778718" \| "4793892" \| "4816091" \| "4847022" \| "4881819" \| "5002620" \| "5221386" \| "5222807" \| "5240324" \| "5342566" \| "5350554" \| "5352035" \| "5570953" \| "5632848" \| "5643510" \| "5660466" \| "5683635" \| "5714001" \| "5718797" \| "5854426" \| "5908240" \| "5951161" \| "5961900" \| "6015225" \| "6039470" \| "6126307" \| "6161954" \| "6187409" \| "6190476" \| "6342284" \| "6357905" \| "6357906" \| "6409825" \| "6443258" \| "6488792" \| "6524679" \| "6547901" \| "6678321" \| "6712499" \| "6716293" \| "6774146" \| "6866492" \| "6874930" \| "6979116" \| "7320539" \| "7325967" \| "RE32037" \| "RE32038"). PN. | | | | | |
| S44 | 518 | united adj states adj gypsum.asn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/11 10:23 | |

| S45 | 3 | (("3459620") or ("6193408") or ("6494609")).PN. | USPAT | OR | OFF | 2009/03/11 10:37 |
|---|---|---|---|---|---|---|
| S46 | 785 | (b01f003/12 or b01f3/12)",ipc,ipcr." | JPO | OR | ON | 2009/03/11 10:47 |
| S47 | 63 | S46 and @py="1996" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/11 10:48 |
| S48 | 1943 | ((366/65) or (366/102) or (366/168.1) or (366/171.1) or (366/172.1) or (366/172.2) or (366/181.7) or (366/303-304) or (366/317)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/03/11 10:54 |
| S49 | 486 | S48 and (disk or disc or slip or gypsum or slurry) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/11 10:57 |
| S50 | 5875 | (b01f007/26 or b01f7/26 or b01f003/12 or b01f3/12 or b28c005/16 or b28c5/16).ipc,ipcr. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/11 10:58 |
| S51 | 1783 | S50 and (disk or disc or slip or gypsum or slurry) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/03/11 10:59 |
| S52 | 98 | ("0032250" \| "1576472" \| "1660243" \| "1758200" \| "1854732" \| "2039264" \| "2253059" \| "2338373" \| "2464523" \| "2478893" \| "2538891" \| "2623700" \| "2639901" \| "2641453" \| "2660416" \| "2762738" \| "2805051" \| "2985219" \| "3018091" \| "3343818" \| "3454688" \| "3459620" \| "3529936" \| "3532576" \| "3625724" \| "3929947" \| "3998433" \| "4057443" \| "4155657" \| "4176972" \| "4194925" \| "4238445" \| "4279673" \| "4402615" \| "4676835" \| "4691867" \| "4735755" \| "4768534" \| "4904089" \| "4915509" \| "4995729" \| "5071257" \| "5085929" \| "5158612" \| "5240639" \| "5376175" \| "5484200" \| "5580170" \| "5590961" \| "5683635" \| "5772318" \| "5791571" \| "6059444").PN. OR ("2006/0045975" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 12:09 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "2007/0008815" \| "5683635" \| "6059444" \| "6193408" \| "6402359"). URPN. | | | | |
| S53 | 1826 | ((366/64) or (366/96-99) or (366/162.1) or (366/315-316)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/03/11 12:22 |
| S54 | 297 | (US-20060045975-$ or US-20070008815-$ or US-20030117891-$ or US-20060280932-$ or US-20010015935-$ or US-20040026002-$ or US-20040045481-$ or US-20040062141-$ or US-20050219938-$ or US-20060175723-$ or US-20080310248-$ or US-20040201120-$ or US-20050106375-$ or US-20060278128-$ or US-20060278129-$ or US-20060281837-$ or US-20080009565-$ or US-20080223258-$ or US-20090010093-$ or US-20090053544-$ or US-20050253098-$ or US-20060092759-$ or US-20060266265-$ or US-20050084334-$ or US-20060162839-$ or US-20080060546-$).did. or (US-20080066651-$ or US-20020117559-$ or US-20040195183-$ or US-20050127208-$ or US-20060244182-$ or US-20080101150-$ or US-20080101151-$ or US-20030233937-$ or US-20020115900-$ or US-20020132882-$ or US-20020137807-$ or US-20030125404-$ or US-20030125405-$ or US-20030134079-$ or US-20030188670-$ or US-20030221591-$ or US-20040018302-$ or US-20040028956-$ or US-20040061098-$ or US-20040091751-$ or US-20040092614-$ or US-20040092676-$ or US- | US-PGPUB; USPAT | OR | ON | 2009/03/11 16:23 |

20040099362-$ or US-20040107875-$ or US-20050067082-$ or US-20050103262-$ or US-20060042519-$).did. or (US-20070012414-$ or US-20070042657-$ or US-20070048490-$ or US-20070048549-$ or US-20070093159-$ or US-20070176076-$ or US-20080000392-$ or US-20080108266-$ or US-20080134931-$ or US-20080141608-$ or US-20080292868-$ or US-20080299413-$ or US-20020030076-$ or US-20030227817-$ or US-20030227819-$ or US-20050237853-$ or US-20010001218-$ or US-20020017222-$ or US-20020043343-$ or US-20020168311-$ or US-20030001306-$ or US-20030031898-$ or US-20030035981-$ or US-20030037502-$ or US-20040005484-$ or US-20040092190-$ or US-20040131714-$).did. or (US-20040134585-$ or US-20050077655-$ or US-20060042461-$ or US-20060045800-$ or US-20060045801-$ or US-20060045802-$ or US-20060045803-$ or US-20060045804-$ or US-20060047347-$ or US-20060047366-$ or US-20060047526-$ or US-20060047564-$ or US-20060047607-$ or US-20060058899-$ or US-20060177590-$ or US-20060278127-$ or US-20060278130-$ or US-20070082170-$ or US-20070215020-$ or US-20080009566-$ or US-20080160340-$ or US-20090025880-$ or US-20060239112-$ or US-20080259713-$).did. or

(US-6494609-$ or US-
6874930-$ or US-4518652-
$ or US-4455271-$ or US-
5484200-$ or US-5575844-
$ or US-5714032-$ or US-
5908521-$ or US-6340388-
$ or US-6376558-$ or US-
6402359-$ or US-6435770-
$ or US-6742922-$ or US-
6780356-$ or US-6783587-
$ or US-7332114-$ or US-
5496441-$ or US-4279673-
$ or US-4354885-$ or US-
5852063-$ or US-6171388-
$ or US-6251979-$ or US-
6319312-$ or US-6391958-
$ or US-6403688-$ or US-
5683635-$).did. or (US-
5660465-$ or US-4934596-
$ or US-6361199-$ or US-
7007914-$ or US-7296919-
$ or US-6193408-$ or US-
4153373-$ or US-6019871-
$ or US-4272558-$ or US-
5556033-$ or US-5779355-
$ or US-4997694-$ or US-
5207830-$ or US-4057443-
$ or US-4152078-$ or US-
4310996-$ or US-4786211-
$ or US-5849364-$ or US-
5879825-$ or US-5922447-
$ or US-6293045-$ or US-
6706128-$ or US-7284930-
$ or US-5997779-$ or US-
6045730-$ or US-5632848-
$ or US-5185039-$).did.
or (US-6200380-$ or US-
4883535-$ or US-5340612-
$ or US-5401538-$ or US-
3819388-$ or US-4060225-
$ or US-4176972-$ or US-
4252568-$ or US-4261754-
$ or US-4443562-$ or US-
5203630-$ or US-5628563-
$ or US-5645807-$ or US-
5676716-$ or US-5824141-
$ or US-5928615-$ or US-
6059444-$ or US-6352585-
$ or US-6409823-$ or US-
6485821-$ or US-4360386-
$ or US-4327146-$ or US-
4581156-$ or US-5741358-
$ or US-4330589-$ or US-
4897218-$ or US-4904503-
$).did. or (US-5176195-$
or US-5466393-$ or US-

5753031-$ or US-5753032-
$ or US-5753033-$ or US-
5962119-$ or US-3616173-
$ or US-3912528-$ or US-
4156615-$ or US-4161855-
$ or US-4267678-$ or US-
4351867-$ or US-4391784-
$ or US-4411702-$ or US-
4443261-$ or US-4477300-
$ or US-4612333-$ or US-
4613627-$ or US-4618370-
$ or US-4804688-$ or US-
4812169-$ or US-5183211-
$ or US-5209968-$ or US-
5240639-$ or US-5268226-
$ or US-5595782-$ or US-
5597665-$).did. or (US-
5629362-$ or US-5643510-
$ or US-5714001-$ or US-
5718797-$ or US-5879486-
$ or US-5888322-$ or US-
5950383-$ or US-6010565-
$ or US-6096373-$ or US-
6342284-$ or US-6443258-
$ or US-6589156-$ or US-
6626991-$ or US-6699915-
$ or US-6746533-$ or US-
6774146-$ or US-6780230-
$ or US-6921553-$ or US-
6929875-$ or US-7033431-
$ or US-7138346-$ or US-
7220373-$ or US-7427321-
$ or US-7473440-$ or US-
4341561-$ or US-3642547-
$ or US-4327998-$).did.
or (US-4504555-$ or US-
4604318-$ or US-4828618-
$ or US-5205926-$ or US-
5232279-$ or US-5871677-
$ or US-5891818-$ or US-
5900191-$ or US-6123445-
$ or US-6153668-$ or US-
6162781-$ or US-6261679-
$ or US-6287550-$ or US-
6297295-$ or US-6325956-
$ or US-6329465-$ or US-
6468957-$ or US-6586497-
$ or US-6994464-$ or US-
5419632-$ or US-4965031-
$ or US-5718785-$ or US-
5770166-$ or US-5981406-
$ or US-6162288-$ or US-
4059456-$ or US-4169747-
$).did. or (US-4117070-$
or US-4127628-$ or US-
4248846-$ or US-4299790-

| | | $ or US-4778526-$ or US-5656220-$ or US-5925309-$ or US-6027561-$ or US-6171387-$ or US-6214454-$ or US-6221151-$ or US-6406755-$ or US-6656440-$ or US-6680127-$ or US-6699426-$ or US-6703331-$ or US-6833105-$ or US-7113835-$ or US-7117046-$ or US-7172403-$ or US-7323036-$ or US-7470338-$ or US-4140748-$ or US-4453829-$ or US-5494708-$ or US-5597120-$ or US-5868327-$).did. or (US-4391329-$ or US-4452638-$ or US-5474724-$ or US-3872871-$ or US-4002178-$).did. | | | |

**11/ 9/ 2009 10:09:47 AM**
**C:\ Documents and Settings\ ccooley\ My Documents\ EAST\ Workspaces\ 10558358.wsp**